

# High-current probe

## HSS-120 305 300 A 2210

Item HSS-120-0146



**ingun**<sup>®</sup>  
Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low resistance probe with Ri typical: < 10 mOhm
- Large selection of tip styles and spring forces for optimum contact with DUT
- Optimum adjustment of the stroke ratios in the test fixture: The test probe collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights

### General data

|                                |                         |
|--------------------------------|-------------------------|
| Product group                  | High-current test probe |
| Sub-product group              | Standard HSS (press-in) |
| Series                         | HSS-120                 |
| Grid                           | 4 mm [157 mil]          |
| Contacting from                | Pad, Female connector   |
| Magnetic                       | Yes                     |
| Installation type              | Plug-in                 |
| Quick-exchange system          | Yes                     |
| Adjustable installation height | No                      |
| Non-rotating                   | No                      |
| Compatible receptacle(s)       | KS-113, KS-113 23       |
| Min. temperature               | - 100 °C [- 212 °F]     |
| Max. temperature               | + 200 °C [+ 392 °F]     |
| RoHS-compliant                 | RoHS-3;6c               |

### Electrical data

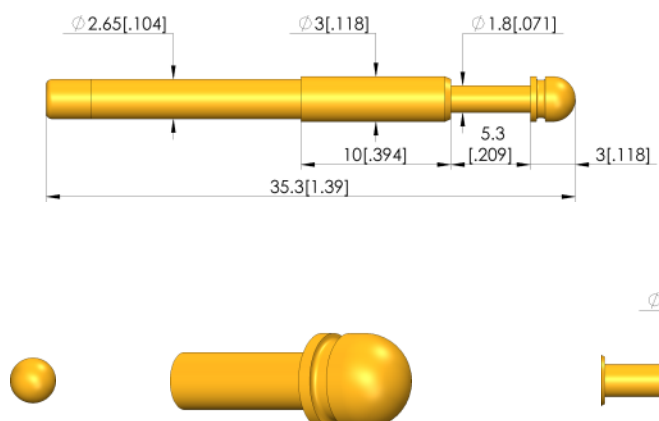
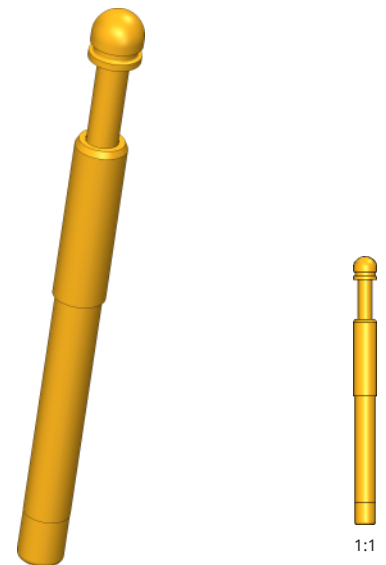
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 30 A     |
| Typical resistance (Ri)               | <10 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 35.3 mm [1.38 in] |
| Barrel diameter                | 2.65 mm [.104 in] |
| Maximum stroke                 | 5.3 mm [.208 in]  |
| Spring pre-load                | 0.58 N [2.08 ozf] |
| Collar height                  | 10                |
| Spring force at working stroke | 2.25 N [8.09 ozf] |
| Recommended working stroke     | 4 mm [.157 in]    |

### Tip style data

|                    |                               |
|--------------------|-------------------------------|
| Tip style          | 05 bullet-nosed (full radius) |
| Tip diameter       | 3 mm [.118 in]                |
| Tip style surface  | A gold                        |
| Tip style material | 3 CuBe                        |



HIGH-CURRENT TEST PROBE

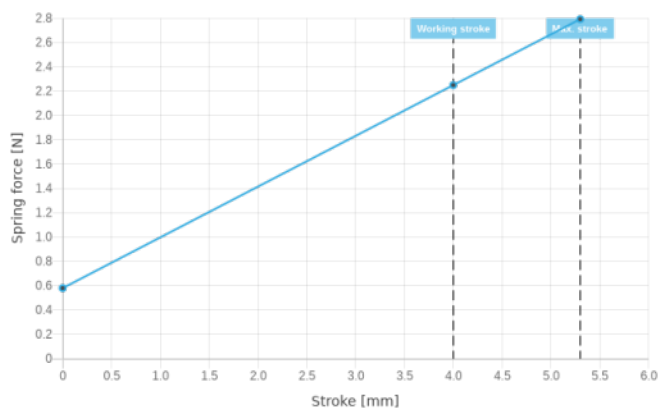
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### INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162  
78467, Constance, Germany  
Phone +49 7531 8105-0  
Customer hotline +49 7531 8105-888  
Fax +49 7531 8105-65  
info@ingun.com



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